

Cable for Relay Terminal

Connection Diagram for Omron G7TC Product Page ▶593, 594

Compatible with Output NPN (Common) for G7TC-OC16
 2-Branch * This is a connecting wire for G7TC-OC16, but it can also be used for G7TC-OC08.
 (Those with no branch have CN1 and CN2 connection only, while those with no pin have no connection.)

Compatible with NPN Input (Common) for G7TC-ID16 / G7TC-IA16
 2-Branch
 (Those with no branch have CN1 and CN2 connection only, while those with no pin have no connection.)

NRLY-2G7TC1				
FCN 40-core CN1 Pin No.	Wire Core Identification			MIL 20-core CN2 Pin No.
	Pair No.	Cable Color	Line Color	
NC	1 Pair	Orange	Black 1	1
B2			Red 1	2
NC	2 Pairs	Gray	Black 1	3
A2			Red 1	4
B5	3 Pairs	White	Black 1	5
B13			Red 1	6
B6	4 Pairs	Yellow	Black 1	7
B14			Red 1	8
B7	5 Pairs	Pink	Black 1	9
B15			Red 1	10
B8	6 Pairs	Orange	Black 2	11
B16			Red 2	12
B9	7 Pairs	Gray	Black 2	13
B17			Red 2	14
B10	8 Pairs	White	Black 2	15
B18			Red 2	16
B11	9 Pairs	Yellow	Black 2	17
B19			Red 2	18
B12	10 Pairs	Pink	Black 2	19
B20			Red 2	20

CN1 Pin No.	Pair No.	Cable Color	Line Color	CN2 Pin No.
NC	1 Pair	Orange	Black 1	1
B1			Red 1	2
NC	2 Pairs	Gray	Black 1	3
A1			Red 1	4
A5	3 Pairs	White	Black 1	5
A13			Red 1	6
A6	4 Pairs	Yellow	Black 1	7
A14			Red 1	8
A7	5 Pairs	Pink	Black 1	9
A15			Red 1	10
A8	6 Pairs	Orange	Black 2	11
A16			Red 2	12
A9	7 Pairs	Gray	Black 2	13
A17			Red 2	14
A10	8 Pairs	White	Black 2	15
A18			Red 2	16
A11	9 Pairs	Yellow	Black 2	17
A19			Red 2	18
A12	10 Pairs	Pink	Black 2	19
A20			Red 2	20

NC: Not Connected Remaining wires should be insulated

NRLY-2G7TC2, NRLY-2G7TC3				
FCN 40-core CN1 Pin No.	Wire Core Identification			MIL 20-core CN2 Pin No.
	Pair No.	Cable Color	Line Color	
A1	1 Pair	Orange	Black 1	20
A2			Red 1	18
A3	2 Pairs	Gray	Black 1	16
A4			Red 1	14
A5	3 Pairs	White	Black 1	12
A6			Red 1	10
A7	4 Pairs	Yellow	Black 1	8
A8			Red 1	6
A9	5 Pairs	Pink	Black 1	4
A10			Red 1	2
A11	6 Pairs	Orange	Black 2	19
A12			Red 2	17
A13	7 Pairs	Gray	Black 2	15
A14			Red 2	13
A15	8 Pairs	White	Black 2	11
A16			Red 2	9
A17	9 Pairs	Yellow	Black 2	7
A18			Red 2	5
A19	10 Pairs	Pink	Black 2	3
A20			Red 2	1

CN1 Pin No.	Pair No.	Cable Color	Line Color	CN2 Pin No.
B1	1 Pair	Orange	Black 1	20
B2			Red 1	18
B3	2 Pairs	Gray	Black 1	16
B4			Red 1	14
B5	3 Pairs	White	Black 1	12
B6			Red 1	10
B7	4 Pairs	Yellow	Black 1	8
B8			Red 1	6
B9	5 Pairs	Pink	Black 1	4
B10			Red 1	2
B11	6 Pairs	Orange	Black 2	19
B12			Red 2	17
B13	7 Pairs	Gray	Black 2	15
B14			Red 2	13
B15	8 Pairs	White	Black 2	11
B16			Red 2	9
B17	9 Pairs	Yellow	Black 2	7
B18			Red 2	5
B19	10 Pairs	Pink	Black 2	3
B20			Red 2	1

NC: Not Connected Remaining wires should be insulated

NRLY-2G7TC5				
FCN 40-core CN1 Pin No.	Wire Core Identification			MIL 20-core CN2 Pin No.
	Pair No.	Cable Color	Line Color	
NC	1 Pair	Orange	Black 1	1
NC			Red 1	2
B1	2 Pairs	Gray	Black 1	3
NC			Red 1	4
B5	3 Pairs	White	Black 1	5
B13			Red 1	6
B6	4 Pairs	Yellow	Black 1	7
B14			Red 1	8
B7	5 Pairs	Pink	Black 1	9
B15			Red 1	10
B8	6 Pairs	Orange	Black 2	11
B16			Red 2	12
B9	7 Pairs	Gray	Black 2	13
B17			Red 2	14
B10	8 Pairs	White	Black 2	15
B18			Red 2	16
B11	9 Pairs	Yellow	Black 2	17
B19			Red 2	18
B12	10 Pairs	Pink	Black 2	19
B20			Red 2	20

CN1 Pin No.	Pair No.	Cable Color	Line Color	CN2 Pin No.
NC	1 Pair	Orange	Black 1	1
NC			Red 1	2
NC	2 Pairs	Gray	Black 1	3
B2			Red 1	4
A5	3 Pairs	White	Black 1	5
A13			Red 1	6
A6	4 Pairs	Yellow	Black 1	7
A14			Red 1	8
A7	5 Pairs	Pink	Black 1	9
A15			Red 1	10
A8	6 Pairs	Orange	Black 2	11
A16			Red 2	12
A9	7 Pairs	Gray	Black 2	13
A17			Red 2	14
A10	8 Pairs	White	Black 2	15
A18			Red 2	16
A11	9 Pairs	Yellow	Black 2	17
A19			Red 2	18
A12	10 Pairs	Pink	Black 2	19
A20			Red 2	20

NC: Not Connected Remaining wires should be insulated

NRLY-2G7TC6, NRLY-2G7TC7				
FCN 40-core CN1 Pin No.	Wire Core Identification			MIL 20-core CN2 Pin No.
	Pair No.	Cable Color	Line Color	
A1	1 Pair	Orange	Black 1	20
A2			Red 1	18
A3	2 Pairs	Gray	Black 1	16
A4			Red 1	14
A5	3 Pairs	White	Black 1	12
A6			Red 1	10
A7	4 Pairs	Yellow	Black 1	8
A8			Red 1	6
A9	5 Pairs	Pink	Black 1	4
A10			Red 1	19
A11	6 Pairs	Orange	Black 2	17
A12			Red 2	15
A13	7 Pairs	Gray	Black 2	13
A14			Red 2	11
A15	8 Pairs	White	Black 2	9
A16			Red 2	7
A17	9 Pairs	Yellow	Black 2	5
A18			Red 2	3
NC	10 Pairs	Pink	Black 2	2
NC			Red 2	1

CN1 Pin No.	Pair No.	Cable Color	Line Color	CN2 Pin No.
B1	1 Pair	Orange	Black 1	20
B2			Red 1	18
B3	2 Pairs	Gray	Black 1	16
B4			Red 1	14
B5	3 Pairs	White	Black 1	12
B6			Red 1	10
B7	4 Pairs	Yellow	Black 1	8
B8			Red 1	6
B9	5 Pairs	Pink	Black 1	4
B10			Red 1	19
B11	6 Pairs	Orange	Black 2	17
B12			Red 2	15
B13	7 Pairs	Gray	Black 2	13
B14			Red 2	11
B15	8 Pairs	White	Black 2	9
B16			Red 2	7
B17	9 Pairs	Yellow	Black 2	5
B18			Red 2	3
NC	10 Pairs	Pink	Black 2	2
NC			Red 2	1

NC: Not Connected Remaining wires should be insulated

NRLY-2G7TC4				
MIL 34-core CN1 Pin No.	Wire Core Identification			MIL 20-core CN2 Pin No.
	Pair No.	Cable Color	Line Color	
1	1 Pair	Orange	Black 1	20
2			Red 1	19
3	2 Pairs	Gray	Black 1	18
4			Red 1	17
5	3 Pairs	White	Black 1	16
6			Red 1	15
7	4 Pairs	Yellow	Black 1	14
8			Red 1	13
9	5 Pairs	Pink	Black 1	10
10			Red 1	9
11	6 Pairs	Orange	Black 2	8
12			Red 2	7
13	7 Pairs	Gray	Black 2	6
14			Red 2	5
15	8 Pairs	White	Black 2	4
16			Red 2	3
17	9 Pairs	Yellow	Black 2	12
			Red 2	2
	10 Pairs	Pink	Black 2	11
			Red 2	1

NC: Not Connected Remaining wires should be insulated

NRLY-2G7TC8				
MIL 34-core CN1 Pin No.	Wire Core Identification			MIL 20-core CN2 Pin No.
	Pair No.	Cable Color	Line Color	
1	1 Pair	Orange	Black 1	20
2			Red 1	19
3	2 Pairs	Gray	Black 1	18
4			Red 1	17
5	3 Pairs	White	Black 1	16
6			Red 1	15
7	4 Pairs	Yellow	Black 1	14
8			Red 1	13
9	5 Pairs	Pink	Black 1	10
10			Red 1	9
11	6 Pairs	Orange	Black 2	8
12			Red 2	7
13	7 Pairs	Gray	Black 2	6
14			Red 2	5
15	8 Pairs	White	Black 2	4
16			Red 2	3
17	9 Pairs	Yellow	Black 2	12
			Red 2	2
	10 Pairs	Pink	Black 2	11
			Red 2	1

NC: Not Connected Remaining wires should be insulated

